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CLAIMS:

1. An entrapped detection device of an opening-closing member which is opening and closing an opening portion of a vehicle body comprising:
 - a driving power source for moves the opening-closing member;
 - a motivity transmission member provided between the opening-closing
 - 5 member and the driving power source;
 - a deformation member configured to be deformed via the motivity transmission member in accordance with the load applied to the opening-closing member at an opening-closing operation of the opening-closing member;
 - a strain gauge assembled to the deformation member and configured to convert
 - 10 a strain according to the deformation of the deformation member to an electric signal;
 - and
 - a control mechanism for detecting an entrapment of an external object based on the electric signal from the strain gauge.
- 15 2. The entrapped detection device according to claim 2, wherein the motivity transmission member includes a cable which is wound in accordance with the actuation of the driving power source and is connected to the vehicle body by a bracket, and
 - wherein the bracket includes the deformation member and a stopper portion
 - 20 for stopping the cable.
3. The entrapped detection device according to claim 3, wherein the deformation member of the bracket forming a plane surface portion configured to be approximately perpendicular to an axial line of the cable and the stain gauge is being mounted on the
- 25 plane surface portion.
4. The entrapped detection device according to claim 2, wherein the bracket further includes an assembling portion formed at a portion away from an axis center of the cable for assembling the bracket relative to the vehicle body and the plane surface
- 30 portion is formed between the assembling portion and the stopper portion.

5. The entrapped detection device according to Claim 1, wherein the control mechanism judges the entrapment of the external object when a measurement value in accordance with the electric signal from the strain gauge is equal to or greater than a threshold value.

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6. The entrapped detection device according to Claim 1, wherein the control mechanism judges the entrapment of the external object when a variation amount of a measurement value in accordance with the electric signal from the strain gauge per a predetermined time is equal to or greater than a predetermined amount.

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7. The detection device for the entrapment of the opening-closing member according to Claim 1, wherein the control mechanism judges the entrapment of the external object when a difference between a measurement value in accordance with the electric signal from the strain gauge and a reference value, which is determined based on the measurement value when the duration of the measurement value is exceeded a predetermined period, is equal to or greater than a predetermined value.

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